

U.S. Appl. No. : 10/591,731
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AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A device for conditioning of objects in plastic material, having a length, comprising:

a rotating turret comprising two opposing sides that include a first side and a second side, wherein the first side and the second side of the rotating turret face in opposite directions; and

a group of conditioning cavities, each conditioning cavity having a length and being provided with a respective opening for the insertion of said objects, said group of conditioning cavities comprising defining first and second conditioning cavities;

wherein a first side of the turret on which the respective insertion the openings of the first conditioning cavities are located on the first side of the rotating turret, and

a the openings of the second conditioning cavities are located on the second side of the turret facing the first side on which are located the respective insertion openings of the second cavities, such that the openings of the first conditioning cavities and the openings of the second conditioning cavities face in opposite directions.

the first conditioning cavities being located in such a way as to be side by side with the second conditioning cavities for at least part of their own length.

2. **(Previously presented)** A device as claimed in Claim 1, wherein the turret comprises a box-like structure including an external casing and each conditioning cavity is enclosed in a respective individual casing contained in turn inside the box-like structure.

3. **(Previously presented)** A device as claimed in Claim 2, wherein the individual casings are designed to contain a conditioning fluid for the conditioning cavities.

4. **(Previously presented)** A device as claimed in Claim 2, wherein the box-like structure contains at least a conditioning fluid circulation circuit acting operationally on the conditioning cavities.

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5. **(Previously presented)** A device as claimed in Claim 4, wherein the first conditioning cavities are adjacent on both sides, following the directions of lines and columns, with one of second cavities.

6. **(Currently Amended)** A device as claimed in Claim 3 or 5, wherein ~~handling comprising means are provided designed to for rotate rotating~~ the turret at least around the rotational axis so as to ~~face turn~~ each time ~~at least around the rotational axis, so as to turn each time predetermined reference direction of the said first or said second side toward a predetermined reference direction.~~

7. **(Currently Amended)** A device as claimed in Claim 6 wherein the ~~handling means for rotating~~ are intended to translate the turret in order to vary the alignment of the conditioning cavities.

8. **(Previously presented)** Moulding equipment for plastic objects, including a conditioning device according to Claim 1.

9. **(Currently Amended)** Moulding equipment according to Claim 8, wherein ~~there is provided handling further comprising means designed to for tilting~~ said turret so as to turn each time ~~said first side or said second side~~ upwards or downwards towards ~~said first or said second side.~~

10. **(Previously presented)** A method of conditioning a plurality of moulded objects in plastic material, comprising:

- arranging a first side of a conditioning device according to claim 1 turned upwards;
- introducing the rotating turret in the middle of the two open halves of a warm forming mould;
- transferring at least one group of moulded objects, resulting from a press operation, from said mould in which they have been formed, to said rotating turret so as to refill at least a part of said conditioning cavities of said first side;
- extracting the rotating turret from the two said open halves of the mould;
- tilting the rotating turret so that said second side is turned upwards.

11. **(Previously presented)** A method as claimed in Claim 10, comprising:

- reintroducing at least a second time the rotating turret into the middle of the two open halves of said mould;

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- transferring at least a second group of moulded objects, resulting from a successive pressing cycle, from the mould in which they have been formed, to said rotating turret so as to refill at least a part of the conditioning cavities of said second side of the turret.